

London Free Press.

AGRICULTURAL.

From the Chambersburg (Pa.) Repository and Whig.

THE MANURE HEAP.

Among the characteristics of a good farmer, the attention that is paid to husbanding and increasing the manure heap is perhaps, one of the most distinguishing. The farmer may plow his soil most skillfully, and in proper season, and perform all the operations attending his pursuit in a creditable manner, but unless he restore to the soil the constituents that he abstracts from it by means of his crops, his procedure is irrational, and his labor cannot remain remunerative. Nature does much to relieve the exhaustion occasioned to the soil by the improvidence and ignorance of man; the genial showers of summer and the snows of winter alike contribute to enrich the earth, while the atmosphere is a constant source of nourishment to vegetation. But nature only aids man in his efforts to preserve the fertility of his cultivated lands. She has, it is true, placed with a lavish hand within the soil, and strewn broadcast over it the elements of vegetable life—a supply inexhaustible by a rational, judicious course of cultivation, but inadequate to the demands of the rapacity that would forever abstract without designing any return. On the barn-yard manure heap depend for the ability to meet the just demands of his exhausted fields. This is the storehouse of the constituents of his crops let it be his constant endeavor to fill it to the brim, he expects his crops to fill his barn. Let every thing calculated to enhance the value of the manure pile, be placed on it, instead of being cast where it becomes a nuisance. By the exercise of a little attention and trouble, how greatly may this source of prosperity to the farmer be placed in it instead of being cast where it becomes a nuisance. By the exercise of a little attention and trouble, how greatly may this source of prosperity to the farmer be placed in it instead of being cast where it becomes a nuisance.

and heat of the seasons, will afford but little manure compared with what might be produced from it by proper treatment. Our agricultural chemists, who by their researches have thrown so much light on the subject of agriculture, in all its ramifications, have furnished us other data by which to judge of the worth of straw as a component of our manure heaps.

I will here furnish an analysis of 100 pounds of the combustible portion of wheat straw, also that of 100 pounds of grain of wheat, as made by an eminent chemist. It will enable your readers to determine whether it contains ingredients of importance to their exhausted lands:

STRAW.	GRAIN.
Carbon..... 48.48	Carbon..... 46.10
Hydrogen..... 5.41	Hydrogen..... 5.80
Oxygen..... 38.79	Oxygen..... 43.40
Nitrogen..... 2.35	Nitrogen..... 2.21
Ashes..... 6.97	Ashes..... 2.49
100.00	100.00

I might dwell on the importance of the ash of the straw, which by its constituents is of value to every farm, and the removal of which from some lands, unless supplied in some other form, would be ruinous, but I have already occupied too much of your space.

Green Township, Dec. 21st, 1853.

LEUTY'S COMMERCIAL COLLEGE.

THIS Institution will be opened for the reception of pupils on the first Monday in August next.

COURSE OF INSTRUCTION. DOUBLE ENTRY BOOK KEEPING, MERCANTILE, MANUFACTURING, INDIVIDUAL PARTNERSHIP, COMPOUND PARTNERSHIP, WITH FORMS ADAPTED TO RETAIL, WHOLESALE, BANKING, COMMISSION BUSINESS, FARMERS, MECHANICS AND HOTEL BUSINESS, &c., &c., together with accounts, accounts current, and a complete system of Commercial Correspondence.

Steam Boat Book Keeping. Commercial calculations, by the cancelling method, an entire new principle.

Commercial Law, and Penmanship. For further particulars see pamphlets published for gratuitous distribution, or address

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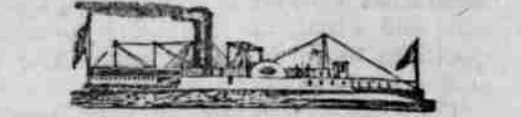
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Attention Merchants and Farmers!



THE steamer *Hwassee* being now in complete running order, will make regular trips from London to Knoxville, Strawberry Plains and Dandridge, (and as much farther up the Holston River as the low stage of water will admit), during the ensuing Fall and Winter. The *Hwassee* is a very light draught Boat with more power according to tonnage than any boat on the river; consequently can run when other boats are compelled to lay up.

Persons that may now have Goods on the way can have them forwarded by this Boat by sending orders to that effect to the *Hwassee* Boat.

September 24, 1853. (12-6m)

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MEXICAN MUSTANG LINIMENT.

Having used the Mustang Liniment in my family for several severe cases of hard lumps and swellings I cheerfully give my certificate of its excellent effect. My daughter had a hard lump, the size of a hen's egg, upon her wrist for a year. I told her to rub it with the liniment and a few applications entirely removed it. I have also used the liniment for severe tumors and swellings in the throat and standing on a short time. I consider them all remarkable cures, and recommend the Mustang Liniment as the best article I ever used.

J. T. HOPKINS, Proprietor Hopkins' Hotel.

Liberty, Va., June 30th, 1853.

Dr. A. G. BRADY & Co.—I feel it my duty to those of my fellow beings who are afflicted as I have been, to add my testimony to the wonderful effects of your Mustang Liniment. I was severely attacked in December last with Rheumatism in its worst form, suffering night and day with excruciating pain for six months, being for the whole time unable to walk or even to sleep. My right leg was so contracted and stiff that I could not put it to the ground, and my left arm was badly contracted. During the whole time I was attended by two of the most skillful physicians in the place, but they were unable to afford relief, and finally gave me up—pronounced me incurable, and said I must die.

At this critical moment I commenced using the Mustang Liniment, and after using two small bottles I began to find relief from my sufferings, and after using seven bottles I was well and strong, and my left arm was badly contracted. During the whole time I was attended by two of the most skillful physicians in the place, but they were unable to afford relief, and finally gave me up—pronounced me incurable, and said I must die.

I certify that I am acquainted with George Good and that he was afflicted with Rheumatism as above stated, and was cured by the use of Mustang Liniment.

JAMES C. SMYTH, Merchant and Hotel Keeper.

Prices.—The Liniment is put up in three sizes, and retails for 25 cts. 50 cts. and \$1 per bottle. The 50 ct. size contains three times as much as the 25 ct. size, and the \$1 size three times as much as the 50 ct. size; the larger sizes being greatly cheaper.

Dr. A. G. BRADY & Co., Proprietors.

304 Broadway, N. Y. and St. Louis, Mo.

Sold by all Druggists, and by

Strong & Stephenson, P. Fatio & Bro., Knoxville, Tenn.; J. H. Bell & Co., Nashville, Tenn.; West, Philadelphia; G. Cannon, Madisonville; Dr. Wm. R. Hurley, London, Tenn. [Jan. 1-3-1]

LOUISIANA.

On the Tennessee River, 30 miles below Knoxville and 75 above Chattanooga, (by land) the present terminus of the East Tennessee & Georgia Railroad, and the point at which the Tennessee River Railroad will unite with it, and cross the River to Knoxville, and thence to Lexington and Cincinnati, offers extraordinary inducements to Capitalists, Merchants, Manufacturers, and Mechanics.

FROM ITS POSITION IT WILL COMMAND a great measure of the trade of Upper East Tennessee, and portions of Virginia, Kentucky, and North Carolina, and as the source of a fertile and prosperous section of country, in the very heart of the United States, and almost on an air-line between the great cities of the North and East, and the Gulf of Mexico, it will retain a heavy trade on the National thoroughfare after the Railroad (now building) is completed and through Virginia and North Carolina, and as the source of a fertile and prosperous section of country, in the very heart of the United States, and almost on an air-line between the great cities of the North and East, and the Gulf of Mexico, it will retain a heavy trade on the National thoroughfare after the Railroad (now building) is completed and through Virginia and North Carolina, and as the source of a fertile and prosperous section of country, in the very heart of the United States, and almost on an air-line between the great cities 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